IN THE CLAIMS

Please amend the claims as follows:

Claim 1 (Currently Amended): A communication system comprising:

a data processing apparatus <u>configured to receive and process</u> ~~for receiving and processing~~ data; and

a data providing apparatus <u>configured to provide</u> ~~for providing~~ data to said data processing apparatus, [[;]]

wherein said data processing apparatus includes, [[:]]

button display controlling means for displaying first buttons representing executable functions in a first display format while displaying second buttons representing optional functions in a second display format, <u>and for displaying a download button requesting to download software executing a function represented by the one of the second buttons when the one of said second buttons is selected,</u> [[;]]

executing means for executing <u>a</u> [[the]] function <u>associated with</u> ~~represented by any~~ one of said first buttons in response to <u>an actuation of one of</u> the ~~applicable~~ first ~~button being operated on~~ <u>buttons,</u> [[;]]

downloading means <u>for downloading said software provided by said data processing apparatus when said download button is selected</u> [[which]], in response to a download request for software implementing <u>a</u> [[the]] function <u>associated with</u> ~~represented by any~~ one of said second buttons, ~~downloads said software provided by said data processing apparatus ; and~~

display updating means for updating [[the]] <u>a</u> display of the <u>one of the</u> second buttons ~~button~~ representing the function implemented by execution of the downloaded software, by displaying the <u>one of the</u> second <u>buttons</u> ~~button in question~~ in said first display format, [[;]] and

new button display controlling means for displaying a new second button

representing a new function corresponding to new function information, and

wherein said data providing apparatus includes, [[:]]

software request receiving means for receiving said download request for said

software from said data processing apparatus, [[; and]]

software transmitting means for transmitting said software to said data

processing apparatus in response to said download request for said software, and

new function information transmitting means for transmitting information of a

new function to said data processing apparatus when software exists for executing the new

function.

Claim 2 (Canceled).

Claim 3 (Currently Amended): The [[A]] communication system according to claim

1, wherein said data providing apparatus further comprises download history creating means

for creating a download history regarding said software downloaded by said data processing

apparatus.

Claim 4 (Currently Amended): The [[A]] communication system according to claim

3, wherein said data providing apparatus further comprises charging means for charging for

the downloaded software in keeping with said download history regarding said software

transmitted to said data processing apparatus.

Claim 5 (Currently Amended): The [[A]] communication system according to claim

3, wherein said data providing apparatus further comprises:

category recognizing means for recognizing a category of the software downloaded

by said data processing apparatus with a high frequency based on said download history; and

user-oriented information transmitting means for transmitting user-oriented

information belonging to said category recognized by said category recognizing means, [[;]]

and

wherein said data processing apparatus includes ~~further comprises~~ user-oriented

information display controlling means for displaying said user-oriented information.

Claim 6 (Currently Amended): A data processing apparatus for receiving and

processing data from a data providing apparatus, said data processing apparatus comprising:

button display controlling means for displaying first buttons representing executable

functions in a first display format while displaying second buttons representing optional

functions in a second display format, and for displaying download button to request

downloading software executing the function represented by the one of the second buttons

when said second button is selected;

executing means for executing a [[the]] function associated with ~~represented by any~~

one of said first buttons in response to an actuation of one of the ~~applicable~~ first buttons

~~button being operated on~~;

downloading means [[which]] for downloading, in response to a download request for

software implementing a [[the]] function associated with ~~represented by any~~ one of said

second buttons, ~~downloads~~ said software provided by said data providing apparatus when

said download button is selected; [[and]]

display updating means for updating a [[the]] display of the second button

representing the function implemented by execution of the downloaded software, by

displaying the one of the second buttons ~~button in question~~ in said first display format; and

new button display controlling means for displaying a new second button representing a new function corresponding to new function information.

Claim 7 (Currently Amended): The [[A]] data processing apparatus according to claim 6, wherein, when ~~if there exists~~ software exists for executing a [[any]] new function and if said data providing apparatus transmits information about said new function to said data processing apparatus, then said data processing apparatus further comprises new button display controlling means for displaying a new second button representing said new function corresponding to the new function information.

Claim 8 (Currently Amended): The [[A]] data processing apparatus according to claim 6, wherein, if said data providing apparatus recognizes a category of software downloaded by said data processing apparatus with high frequency based on a download history regarding the downloaded software and if said data providing apparatus transmits user-oriented information belonging to said category, then said data processing apparatus further comprises user-oriented information display controlling means for displaying said user-oriented information.

Claim 9 (Currently Amended): A data processing method for receiving and processing data from a data providing apparatus, said data processing method comprising ~~the steps of~~:

displaying first buttons representing executable functions in a first display format while displaying second buttons representing optional functions in a second display format;

displaying a download button to request downloading software executing a function represented by the one of the second buttons when said second button is selected;

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executing a [[the]] function <u>associated with</u> ~~represented by any~~ one of said first buttons in response to <u>an actuation of one of</u> the ~~applicable~~ first <u>buttons</u> ~~button being operated on~~;

~~in response to a download request for software implementing the function represented by any one of said second buttons,~~ downloading said software provided by said data providing apparatus <u>when said download button is selected and in response to a download request for software implementing a function associated with one of said second buttons</u>; [[and]]

updating [[the]] a display of the <u>one of the</u> second <u>buttons</u> ~~button~~ representing the function implemented by execution of the downloaded software, by displaying <u>the one of the</u> second <u>buttons</u> ~~button in question~~ in said first display format<u>;</u>

<u>displaying a new second button representing a new function corresponding to new function information; and</u>

<u>transmitting information about a new function to said data processing apparatus from said data providing apparatus.</u>

Claim 10 (Currently Amended): ~~A program for causing a computer to receive and process data from a data providing apparatus, said program comprising the steps of~~ <u>A computer readable storage medium encoded with a computer readable program configured to cause an information processing apparatus to execute a method, the method comprising</u>:

displaying first buttons representing executable functions in a first display format while displaying second buttons representing optional functions in a second display format;

<u>displaying a download button to request downloading software executing a function represented by the one of the second buttons when said second button is selected;</u>

executing a [[the]] function associated with represented by any one of said first

buttons in response to an actuation on one of the applicable first buttons button being

operated on;

in response to a download request for software implementing the function represented

by any one of said second buttons, downloading said software provided by said data

providing apparatus when said download button is selected and in response to a download

request for software implementing the function associated with one of said second buttons;

[[and]]

updating a [[the]] display of the one of the second buttons button representing a

[[the]] function implemented by execution of the downloaded software, by displaying the one

of the second buttons button in question in said first display format;

displaying a new second button representing a new function corresponding to new

function information; and

transmitting information about said new function to said data processing apparatus

from said data providing apparatus.

Claim 11 (Currently Amended): A data providing apparatus for providing data to a

data processing apparatus which receives and processes said data, said data providing

apparatus comprising:

software request receiving means for receiving a download request for said

software from said data processing apparatus;

software transmitting means for transmitting said software to said data

processing apparatus in response to said download request for said software;

download history creating means for creating a download history regarding said

software downloaded by said data processing apparatus; [[and]]

processing means for performing a relevant process in keeping with said

download history; and

new function information transmitting means for transmitting information of a

new function to said data processing apparatus when software exists for executing the new

function.

Claim 12 (Original): A data providing apparatus according to claim 11, wherein said

processing means further comprises charging means for charging for the downloaded

software in keeping with said download history regarding said software transmitted to said

data processing apparatus.

Claim 13 (Original): A data providing apparatus according to claim 11, wherein said

processing means further comprises:

category recognizing means for recognizing a category of the software

downloaded by said data processing apparatus with high frequency based on said download

history; and

user-oriented information transmitting means for transmitting user-oriented

information belonging to said category recognized by said category recognizing means.

Claim 14 (Original): A data providing apparatus according to claim 11, further

comprising new function information transmitting means which, if there exists software for

executing any new function, transmits information about said new function to said data

processing apparatus.

Claim 15 (Currently Amended): A data providing method for providing data to a data processing apparatus which receives and processes said data, said data providing method comprising ~~the steps of~~:

receiving a download request for said software from said data processing apparatus;

transmitting said software to said data processing apparatus in response to said download request for said software;

creating a download history regarding said software downloaded by said data processing apparatus; [[and]]

performing a relevant process in keeping with said download history; and

transmitting information of a new function to said data processing apparatus when software exists for executing the new function.

Claim 16 (Currently Amended): ~~A program for causing a computer to provide data to a data processing apparatus which receives and processes said data, said program comprising the steps of~~ A computer readable storage medium encoded with a computer readable program configured to cause an information processing apparatus to execute a method, comprising:

receiving a download request for software from said data processing apparatus;

transmitting said software to said data processing apparatus in response to said download request for said software;

creating a download history regarding said software downloaded by said data processing apparatus; [[and]]

performing a relevant process in keeping with said download history; and

transmitting information of a new function to said data processing apparatus when software exists for executing the new function.

Claim 17 (New): A communication system comprising:

a data processing apparatus configured to receive and process data; and

a data providing apparatus configured to provide data to said data processing

apparatus,

wherein said data processing apparatus includes,

a button display controlling unit configured to display first buttons

representing executable functions in a first display format while displaying second buttons

representing optional functions in a second display format, and for displaying a download

button requesting to download software executing a function represented by the one of the

second buttons when the one of said second buttons is selected,

an executing unit configured to execute a function associated with one of said

first buttons in response to an actuation of one of the first buttons,

a downloading unit configured to download said software provided by said

data processing apparatus when said download button is selected, in response to a download

request for software implementing a function associated with one of said second buttons,

a display updating unit configured to update a display of the one of the second buttons

representing the function implemented by execution of the downloaded software, by

displaying the one of the second buttons in said first display format, and

a new button display controlling unit configured to display a new second

button representing a new function corresponding to new function information, and

wherein said data providing apparatus includes,

a software request receiving unit configured to receive said download request

for said software from said data processing apparatus,

a software transmitting unit configured to transmit said software to said data

processing apparatus in response to said download request for said software, and

a new function information transmitting unit configured to transmit

information about a new function to said data processing apparatus when software exists for

executing the new function.

Claim 18 (New): The communication system according to claim 17, wherein said

data providing apparatus further comprises a download history creating unit configured to

create a download history regarding said software downloaded by said data processing

apparatus.

Claim 19 (New): The communication system according to claim 18, wherein said

data providing apparatus further comprises a charging unit configured to charge for the

downloaded software in keeping with said download history regarding said software

transmitted to said data processing apparatus.

Claim 20 (New): The communication system according to claim 18, wherein said

data providing apparatus further comprises:

a category recognizing unit configured to recognize a category of the software

downloaded by said data processing apparatus with a high frequency based on said download

history; and

a user-oriented information transmitting unit configured to transmit user-oriented

information belonging to said category recognized by said category recognizing unit, and

wherein said data processing apparatus includes a user-oriented information display

controlling unit configured to display said user-oriented information.

Claim 21 (New): A data processing apparatus for receiving and processing data from a data providing apparatus, said data processing apparatus comprising:

a button display controlling unit configured to display first buttons representing executable functions in a first display format while displaying second buttons representing optional functions in a second display format, and for displaying download button to request downloading software executing the function represented by the one of the second buttons when said second button is selected;

a executing unit configured to execute a function associated with one of said first buttons in response to an actuation of one of the first buttons;

a downloading unit configured to download, in response to a download request for software implementing a function associated with one of said second buttons, said software provided by said data providing apparatus when said download button is selected;

a display updating unit configured to update a display of the second button representing the function implemented by execution of the downloaded software, by displaying the one of the second buttons in said first display format; and

a new button display controlling unit configured to display a new second button representing a new function corresponding to new function information.

Claim 22 (New): The data processing apparatus according to claim 21, wherein, when software exists for executing a new function and if said data providing apparatus transmits information about said new function to said data processing apparatus, then said data processing apparatus further comprises a new button display controlling unit configured to display a new second button representing said new function corresponding to the new function information.

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Claim 23 (New): The data processing apparatus according to claim 21, wherein, if said data providing apparatus recognizes a category of software downloaded by said data processing apparatus with high frequency based on a download history regarding the downloaded software and if said data providing apparatus transmits user-oriented information belonging to said category, then said data processing apparatus further comprises a user-oriented information display controlling unit configured to display said user-oriented information.